Book 5743

ORIGINAL

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD NOTES

OF THE

DEPENDENT RESURVEY

OF

THE SOUTH, EAST

AND

NORTH BOUNDARIES,

TOWNSHIP 23 NORTH, RANGE 27 EAST,

OF THE GILA AND SALT RIVER MERIDIAN,

IN THE STATE OF ARIZONA

EXECUTED BY

Jones Curtiss, Cadastral Surveyor

Under Special Instructions dated and approved May 1, 2002, and the Supplemental Instructions dated and approved September 23, 2002, which provided for the surveys included under Group No. 886, and assignment instructions dated May 1, 2002.

Survey commenced December 4, 2002

Survey completed February 12, 2003

INDEX DIAGRAM

TOWNSHIP 23 NORTH RANGE 27 EAST
GILA AND SALT RIVER MERDIAN, ARIZONA

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T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS

The following field notes describe the dependent resurvey of the south, east and north boundaries, Township 23 North, Range 27 East, Gila and Salt River Meridian, Arizona.

The history of surveys pertaining to this survey is as follows:

The south, east and north boundaries, Township 23 North, Range 27 East, were surveyed by Frank Follman in 1882. The west boundary, Township 22 North, Range 27 East, and the west and north boundaries, Township 22 North, Range 28 East, were dependently resurveyed by Jones Curtiss in 2002-03, concurrently under this same group. The east boundary, Township 23 North, Range 26 East, was dependently resurvey by Jones Curtiss and Leonard Sandoval in 2003, concurrently under this same group.

The survey was executed in accordance with the specifications as set forth in the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and the Special Instructions dated May 1, 2003 and the Supplemental Special Instructions dated and approved September 23, 2003, for Group No. 886, Arizona.

The true meridian direction and length of all lines were determined by real time kinematic global positioning system observations using Trimble Navigation Model 5700 receivers.

Preliminary to the resurvey, the lines of the prior surveys were retraced and search was made for all corners and other calls of record. Identified corners were remonumented in their original positions. Lost corners were reestablished and remonumented at proportionate positions based on the official record. The retracement data were thoroughly verified and only the true line field notes are given herein.

Geodetic control was derived from Global Positioning System (GPS) static observations post processed by National Geodetic Survey, Online Positioning User Service (OPUS), utilizing Continuously Operating Reference Stations (CORS) FERNO MESA, FLAGSTAFF, AND PIE TOWN VLBN. The NAD 83 (CORS96)(EPOCH:2003) geographic position of the southeast corner of the township is as follows:

Latitude: 35°20'37.74" N. Longitude: 109°25'15.01" W.

The mean magnetic declination is 11 1/2°

Dependent Resurvey of the South Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS

Restoring the survey executed by
Frank Follman, in 1882

Beginning at the cor. of Tps. 22 and 23 N., Rs. 27 and 28 E., monumented with a stainless steel post, 2 1/2 ins. diam., set and mkd., as described in the field notes of the dependent resurvey of the W. bdy., T. 22 N., R. 28 E., executed concurrently under this same group.

N. 89°07' W., bet. secs. 1 and 36.

Over gently rolling land.

39.88 Point for the 1/4 sec. cor. of secs. 1 and 36, at proportionate dist.; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 23 N R 27 E
S 36
1/4 ——
S 1
T 22 N

2003

Deposit a magnet in a white plastic case at the base of the stainless steel post.

79.76 Point for the cor. of secs. 1, 2, 35 and 36, at proportionate dist.; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 23 N R 27 E
S 35 | S 36
S 2 | S 1
T 22 N

2003

Deposit a magnet in a white plastic case at the base of the stainless steel post.

N. 89°07' W., bet. secs. 2 and 35.

Over rolling land.

Dependent Resurvey of the South Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
39.88	Point for the 1/4 sec. cor. of secs. 5 and 32, at proportionate dist.; there is no remaining evidence of the original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 23 N R 27 E S 35 1/4 —— S 2 T 22 N 2003 Deposit a magnet in a white plastic case at the base of the stainless steel post.
54.42	E. right-of-way fence of U. S. Highway 191, barbed wire, 4 strands, parallels highway.
56.25	U. S. Highway 191, asphalt pavement, 36 ft. wide, bears SE and NW.
58.12	W. right-of-way fence of U. S. Highway 191, barbed wire, 4 strands, parallels highway.
79.76	Point for the cor. of secs. 2, 3, 34 and 35, at proportionate dist.; there is no remaining evidence of the original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 23 N R 27 E S 34 | S 35 S 3 | S 2 T 22 N 2003 Deposit a magnet in a white plastic case at the base of the stainless steel post. Cor. is located 20 lks. W. of a trail road, bears NNE and SSW, and 25 lks. E. of another trail road, bears N. and S.
	N. 89°07' W., bet. secs. 3 and 34. Over rolling broken land.
10.58	Barbed wire fence, 4 strands, bears NE and SW.

Dependent Resurvey of the South Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
39.88	Point for the 1/4 sec. cor. of secs. 3 and 34, at proportionate dist.; there is no remaining evidence of the original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 23 N R 27 E S 34 1/4 —— S 3 T 22 N 2003 Deposit a magnet in a white plastic case at the base of the stainless steel post.
75.43	Barbed wire fence, 5 strands, bears SE and NW.
79.76	Point for the cor. of secs. 3, 4, 33 and 34, at proportionate dist.; there is no remaining evidence of the original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 23 N R 27 E S 33 | S 34 S 4 | S 3 T 22 N 2003 Deposit a magnet in a white plastic case at the base of the stainless steel post.
	N. 89°07' W., bet. secs. 4 and 33. Over rolling land.
26.10	Navajo Route 9411, a graded road, 25 ft. wide, bears NE and SW.
29.14	Barbed wire fence, 4 strands, bears NE and SW.
39.88	Point for the 1/4 sec. cor. of secs. 4 and 33, at proportionate dist.; there is no remaining evidence of the original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey of the South Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 23 N R 27 E S 33 1/4 —— S 4 T 22 N 2003 Deposit a magnet in a white plastic case at the base of the stainless steel post.
79.76	Point for the cor. of secs. 4, 5, 32 and 33, at proportionate dist.; there is no remaining evidence of original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 23 N R 27 E S 32 | S 33 —————— S 5 | S 4 T 22 N 2003 Deposit a magnet in a white plastic case at the base of the stainless steel post.
	———
	N. 89°07' W., bet. secs. 5 and 32. Over rolling land.
39.88	Point for the 1/4 sec. cor. of secs. 5 and 32, at proportionate dist.; there is no remaining evidence of the original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 23 N R 27 E S 32 1/4 —— S 5 T 22 N 2003 Deposit a magnet in a white plastic case at the base of the stainless steel post.
79.76	Point for the cor. of secs. 5, 6, 31 and 32, at proportionate dist.; there is no remaining evidence of the original cor.

Dependent Resurvey of the South Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 23 N R 27 E
S 31 | S 32
S 6 | S 5
T 22 N

2003

Deposit a magnet in a white plastic case at the base of the stainless steel post.

N. 89°07' W., bet. secs. 6 and 31.

Over rolling land.

39.88 Point for the 1/4 sec. cor. of secs. 6 and 31, at proportionate dist.; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 23 N R 27 E
S 31
1/4
S 6
T 22 N

2003

Deposit a magnet in a white plastic case at the base of the stainless steel post.

77.77 The cor. of Tps. 22 and 23 N., Rs. 26 and 27 E., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of dependent resurvey of the W. bdy., T. 22 N., R. 27 E., executed concurrently under this same group.

Dependent Resurvey of the East Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

Restoring the survey executed by
Frank Follman, in 1882

Dependent Resurvey of the East Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	NOTE: Due to the lack of recovered evidence during this survey, and because other concurrent dependent resurveys in the area did not recover original evidence from the 1882 surveys, this boundary is extended by using the 1882 record distances and the corners redesignated to refer to this range only. The cor. of Tps. 23 and 24 N., R. 27 E. only, is being established at record distance in easting from the cor. of Tps. 23 and 24 N., Rs. 26 and 27 E.
	From the cor. of Tps. 22 and 23 N., Rs. 27 and 28 E., hereinbefore described.
	N. 0°15' E., on the E. bdy. of sec. 36.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of sec. 36 only, at record dist.; there is no remaining evidence of the original 1/4 sec. cor. of secs. 31 and 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 23 N R 27 E R 28 E 1/4 S 36 |
	2003
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
74.25	Trail road, bears NE and SW.
80.00	Point for the cor. of secs. 25 and 36 only, at record dist.; there is no remaining evidence of the original cor. of secs. 25, 30, 31 and 36.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 23 N | T 23 N S 25 | R 28 E S 36 | S 30 R 27 E
	2003

Dependent Resurvey of the East Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	N. 0°15' E., on the E. bdy. of sec. 25.
	Over rolling land.
29.80	N. rim of a mesa, bears E. and W.
40.00	Point for the 1/4 sec. cor. of sec. 25 only, at record dist.; there is no remaining evidence of the original 1/4 sec. cor. of secs. 25 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 23 N R 27 E R 28 E 1/4 S 25 |
	2003
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.00	Point for the cor. of secs. 24 and 25 only, at record dist.; there is no remaining evidence of the original cor. of secs. 19, 24, 25 and 30.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 23 N | T 23 N S 24 | R 28 E S 25 | S 19 R 27 E
	2003
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located 75 lks. N. of a narrow ridge, bears E. and W.
	N. 0°15' E., on the E. bdy. of sec. 24.
	Over rolling and broken land.
14.70	Bent Knee Wash, 70 ft. wide, 10 ft. deep, drains W.

Dependent Resurvey of the East Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
40.00	Point for the 1/4 sec. cor. of sec. 24 only, at record dist.; there is no remaining evidence of the original 1/4 sec. cor. of secs. 19 and 24. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 23 N R 27 E R 28 E 1/4 S 24 | 2003 Deposit a magnet in a white plastic case at the base of the stainless steel post. Cor. is located 1.10 chs. N. of a trail road, bears E. and W.
80.00	Point for the cor. of secs. 13 and 24 only, at record dist.; there is no remaining evidence of the original cor. of secs. 13, 18, 19 and 24. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 23 N | T 23 N S 13 | R 28 E S 24 | S 18 R 27 E 2003 Deposit a magnet in a white plastic case at the base of the stainless steel post.
	N. 0°15' E., on the E. bdy. of sec. 13. Over rolling land.
3.00	Trail road, bears ESE and WNW.
40.00	Point for the 1/4 sec. cor. of sec. 13 only, at record dist.; there is no remaining evidence of the original 1/4 sec. cor. of secs. 13 and 18. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey of the East Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 23 N R 27 E R 28 E 1/4 S 13 |
	2003
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.00	Point for the cor. of secs. 12 and 13 only, at record dist.; there is no remaining evidence of the original cor. of secs. 7, 12, 13 and 18.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 23 N | T 23 N S 12 | R 28 E S 13 | S 7 R 27 E
	2003
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	N. 0°15' E., on the E. bdy. of sec. 12.
	Over rolling land.
40.00	Point for the 1/4 sec. cor. of sec. 12 only, at record dist.; there is no remaining evidence of the original 1/4 sec. cor. of secs. 7 and 12.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 23 N R 27 E R 28 E 1/4 S 12 |
	2003
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.00	Point for the cor. of secs. 1 and 12 only, at record dist,; there is no remaining evidence of the original cor. of secs. 1, 6, 7 and 12.

Dependent Resurvey of the East Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 23 N | T 23 N
S 1 | R 28 E

S 12 | S 6
R 27 E

2003

Deposit a magnet in a white plastic case at the base of the stainless steel post.

N. 0°15' E., on the E. bdy. of sec. 1.

Over rolling and broken land.

40.00 Point for the 1/4 sec. cor. of sec. 1 only, at record dist.; there is no remaining evidence of the original 1/4 sec. cor. of secs. 1 and 6.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 23 N
R 27 E R 28 E
1/4
S 1 |

2003

Deposit a magnet in a white plastic case at the base of the stainless steel post.

80.00 Point for the cor. of Tps. 23 and 24 N., R. 27 E. only, at record dist. and at record distance in easting from the cor. of Tps. 23 and 24 N., Rs. 26 and 27 E.; there is no remaining evidence of the original cor. of Tps. 23 and 24 N., Rs. 27 and 28 E.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 24 N | T 24 N
R 27 E | R 28 E
S 36 |
--- S 31
S 1 |
T 23 N

2003

Dependent Resurvey of the East Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.

Dependent Resurvey of the North Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

Restoring the survey executed by
Frank Follman, in 1882

From the cor. of Tps. 23 and 24 N., R. 27 E. only, hereinbefore described.

N. 89°00' W., bet. secs. 1 and 36.

Over rolling land.

40.005 Point for the 1/4 sec. cor. of secs. 1 and 36, at proportionate dist.; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 24 N R 27 E
S 36
1/4
S 1
T 23 N

2003

Deposit a magnet in a white plastic case at the base of the stainless steel post.

Cor. is located 50 lks. S. and 97 lks. E. of a barbed wire fence, 5 strands, bears ENE and WSW.

80.01 Point for the cor. of secs. 1, 2, 35 and 36, at proportionate dist.; there is no remaining evidence of the original cor.

Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

T 24 N R 27 E

S 35	S 36
S 2	S 1

T 23 N

2003

Dependent Resurvey of the North Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	N. 89°00' W., bet. secs. 2 and 35.
	Over rolling and broken land.
36.20	Navajo Route 9352, a graded road, 25 ft. wide, bears N. and S.
40.005	Point for the 1/4 sec. cor. of secs. 2 and 35, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 27 E S 35 1/4 —— S 2 T 23 N
	2003
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.01	Point for the cor. of secs. 2, 3, 34 and 35, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 27 E S 34 | S 35 S 3 | S 2 T 23 N
	2003
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	Cor. is located 80 lks. E. of a wash, 30 ft. wide, 3 ft. deep, drains S.
	N. 89°00' W., bet. secs. 3 and 34.
	Over rolling and broken land.
40.005	Point for the 1/4 sec. cor. of secs. 3 and 34, at proportionate dist.; there is no remaining evidence of the original cor.

Dependent Resurvey of the North Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 27 E S 34 1/4 S 3 T 23 N 2003
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.01	Point for the cor. of secs. 3, 4, 33 and 34, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 27 E S 33 | S 34 S 4 | S 3 T 23 N 2003
	Deposit a magnet in a white plastic case at the base of the stainless steel post. Cor. is located 90 lks. E. of the E. rim of a canyon, bears N. and S.
	N. 89°00' W., bet. secs. 4 and 33. Over rolling and broken land.
11.40	Oak Ridge Wash, 150 ft. wide, 2 ft. deep, drains SSE
40.005	Point for the 1/4 sec. cor. of secs. 4 and 33, at proportionate dist,; there is no remaining evidence of the original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 27 E S 33 1/4 S 4 T 23 N 2003

Dependent Resurvey of the North Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
80.01	Point for the cor. of secs. 4, 5, 32 and 33, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 27 E S 32 | S 33 S 5 | S 4 T 23 N
	2003
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
	N. 89°00' W., bet. secs. 5 and 32.
	Over rolling and broken land.
40.005	Point for the 1/4 sec. cor. of secs. 5 and 32, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.
	T 24 N R 27 E S 32 1/4 S 5 T 23 N
	2003
	Deposit a magnet in a white plastic case at the base of the stainless steel post.
44.35	Barbed wire fence, 5 strands, bears ESE and WNW.
60.00	Wide Ruin Wash, 15 ft. wide, 2 ft. deep, drains S.
61.52	Barbed wire fence, 5 strands, bears SSE and NNW.
80.01	Point for the cor. of secs. 5, 6, 31 and 32, at proportionate dist.; there is no remaining evidence of the original cor.
	Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd.

Dependent Resurvey of the North Boundary,
T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS	
	T 24 N R 27 E S 31 | S 32 S 6 | S 5 T 23 N 2003 Deposit a magnet in a white plastic case at the base of the stainless steel post.
	N. 89°00' W., bet. secs. 6 and 31. Over rolling land.
40.005	Point for the 1/4 sec. cor. of secs. 6 and 31, at proportionate dist.; there is no remaining evidence of the original cor. Set a stainless steel post, 28 ins. long, 2 1/2 ins. diam., 24 ins. in the ground, with brass cap mkd. T 24 N R 27 E S 31 1/4 S 6 T 23 N 2003 Deposit a magnet in a white plastic case at the base of the stainless steel post.
50.09	E. right-of-way fence of U. S. Highway 191, barbed wire, 4 strands, parallels highway.
52.05	U. S. Highway 191, asphalt pavement, 39 ft. wide, bears SE and NW.
54.00	W. right-of-way fence of U. S. Highway 191, barded wire, 4 strands, parallels highway.
77.63	The cor. of Tps. 23 and 24 N., Rs. 26 and 27 E., monumented with a stainless steel post, 2 1/2 ins. diam., with brass cap, set and mkd. as described in the field notes of the survey of the E. bdy., T. 23 N., R. 26 E., executed concurrently under this same group.

T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona

CHAINS

GENERAL DESCRIPTION

The area surveyed is within the Navajo Indian Reservation in vicinity of Wide Ruins, Arizona. The terrain is mostly rolling land with some areas of broken land in the northern portion of the township. The main drainages are Wide Ruin Wash, which enters the township from the north and drains southwesterly and Bent Knee Wash, which drains northwesterly into Wide Ruin Wash in the central portion of the township.

The elevation varies from 6000 to 6900 feet above sea level. The soil is sandy and sandy clay. There is a moderate growth of juniper and piñon throughout the township. Undergrowth principally consists of sagebrush, cacti, greasewood, scrub oak and native grasses.

The principal access to the township is provided by U. S. Highway 191, which enters the township in section 35, extends northwesterly through the township and exits in section 6. There are several major graded roads and numerous trail road through the township. Much of this area is used for grazing livestock. There is no mining activity in this township.

The mean magnetic declination of 11 1/2° E. was derived from the United States Geological Survey computer program GEOMAG, utilizing the World Magnetic Model for Epoch 2000 for the dates of survey.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FIELD ASSISTANTS

NAMES	CAPACITY
William F. Olver	Cadastral Surveyor
Daniel Bryan	Engineering Technician
Wilfred Chee	Engineering Technician
Edward Clarke	Engineering Technician
Reuben Mason	Engineering Technician
Barney Woodie	Engineering Technician

CERTIFICATE OF SURVEY

I, Jones Curtiss, Cadastral Surveyor, HEREBY CERTIFY upon honor, that in pursuance of special instructions bearing date of the 1st day of May, 2002, and supplemental special instructions bearing date of the 23rd day of September, 2002, I have dependently resurveyed the south, east and north boundaries, T. 23 N., R. 27 E., Gila and Salt River Meridian, in the State of Arizona, which are represented in the foregoing field notes as having been executed by me and under my direction. Said survey has been made in strict conformity with said special instructions, supplemental special instructions, the Manual of Instructions for the Survey of the Public Lands of the United States, 1973, and in specific manner described in the foregoing field notes.

June 14, 2005
(Date)

Jones Curtiss
(Cadastral Surveyor)

CERTIFICATE OF APPROVAL

BUREAU OF LAND MANAGEMENT
Phoenix, Arizona

The foregoing field notes of the dependent resurvey of the south, east and north boundaries, T. 23 N., R. 27 E., Gila and Salt River Meridian, in the State of Arizona, executed by Jones Curtiss, Cadastral Surveyor, having been critically examined and found correct, are hereby approved.

June 22, 2005
(Date)

Stephen K. Hansen
(Acting Chief Cadastral Surveyor of Arizona)

~~CERTIFICATE OF TRANSCRIPT~~

I CERTIFY That the foregoing transcript of the field notes of the above described surveys in T. 23 N., R. 27 E., Gila and Salt River Meridian, Arizona, is a true copy of the original field notes.

~~(Date)~~ ~~(Acting Chief Cadastral Surveyor of Arizona)~~